

HT/LT Motor Overhauling & Repairs

Item NO.	Description of Item	Unit	Rate
MOR	Overhauling of 3Ph,50Hz, 415V squirrel cage Induction Motor		
	Overhauling of 3Ph,50Hz, 415V squirrel cage Induction Motor for Pump with replacement of DE & NDE Bearing , including following work. 1)De-Coupling of Motor. 2)Testing of Motor before & after overhauling a)IR & PT Test b)Winding resistance 3)Dismantling all removable cable of motors. 4)Dismantling the Motor from the Starter. 5)Through cleaning of starter and rotor. 6)Varnishing of Starter winding and rotor. 7)Application of Bectol Red on overhauling portion of winding & Bectol Corey on Lore Portion 8)Bearing replacement. 9)Fitment of Motor. 10) Coupling on motor. 11)No load /Load Trial Including labour , Transportation etc.		
MOR1	Overhauling of Foot Mounted Motor Screen Protected Drip Proof (SPDP) 3Ph,50Hz, 415V ,1000 RPM		
MOR1-1	45 kW (60 HP)	Job	
MOR1-2	55 kW (75 HP)	Job	
MOR1-3	75 kW (100 HP)	Job	
MOR1-4	90 kW (120 HP)	Job	
MOR1-5	110 kW (150 HP)	Job	
MOR1-6	125 kW (170 HP)	Job	
MOR1-7	135 kW (180 HP)	Job	
MOR1-8	150 kW (200 HP)	Job	
MOR1-9	160 kW (215 HP)	Job	
MOR1-10	180 kW (240 HP)	Job	
MOR1-11	187 kW (250 HP)	Job	
MOR1-12	200 kW (270 HP)	Job	
MOR1-13	225 kW (300 HP)	Job	
	Overhauling of Foot Mounted Motor SPDP 3Ph,50Hz, 415V ,1500 RPM.		

MOR1-14	18.5 kW (25 HP)	Job	
MOR1-15	22 kW (30 HP)	Job	
MOR1-16	30 kW (40 HP)	Job	
MOR1-17	37 kW (50 HP)	Job	
MOR1-18	45 kW (60 HP)	Job	
MOR1-19	55 kW (75 HP)	Job	
MOR1-20	75 kW (100 HP)	Job	
MOR1-21	90 kW (120 HP)	Job	
MOR1-22	110 kW (150 HP)	Job	
MOR1-23	125 kW (170 HP)	Job	
MOR1-24	135 kW (180 HP)	Job	
MOR1-25	150 kW (200 HP)	Job	
MOR1-26	160 kW (215 HP)	Job	
MOR1-27	180 kW (240 HP)	Job	
MOR1-28	187 kW (250 HP)	Job	
MOR1-29	200 kW (270 HP)	Job	
MOR1-30	225 kW (300 HP)	Job	
	Overhauling of Foot Mounted Motor SPDP 3Ph,50Hz, 415V 3000 RPM		
MOR1-31	11 kW (15 HP)	Job	
MOR1-32	15 kW (20 HP)	Job	
MOR1-33	18.5 kW (25 HP)	Job	
MOR1-34	22 kW (30 HP)	Job	
MOR1-35	30 kW (40 HP)	Job	
MOR1-36	37 kW (50 HP)	Job	
MOR1-37	45 kW (60 HP)	Job	
MOR1-38	55 kW (75 HP)	Job	
MOR1-39	75 kW (100 HP)	Job	
	Overhauling of Foot Mounted Motor TEFC 3Ph,50Hz, 415V 1500 RPM		
MOR1-40	1.1 kW (1.5 HP)	Job	

MOR1-41	1.5 kW (2 HP)	Job	
MOR1-42	2.2 kW (3 HP)	Job	
MOR1-43	3.7 kW (5 HP)	Job	
MOR1-44	5.5 kW (7 HP)	Job	
MOR1-45	7.5 kW (10 HP)	Job	
MOR1-46	9.3 kW (12 HP)	Job	
MOR1-47	11 kW (15 HP)	Job	
MOR1-48	15 kW (20 HP)	Job	
MOR1-49	18.5 kW (25 HP)	Job	
MOR1-50	22 kW (30 HP)	Job	
MOR1-51	30 kW (40 HP)	Job	
MOR1-52	37 kW (50 HP)	Job	
MOR1-53	45 kW (60 HP)	Job	
MOR1-54	55 kW (75 HP)	Job	
MOR1-55	75 kW (100 HP)	Job	
	Overhauling of Vertical Hollow Shaft Motor SPDP 3Ph,50Hz, 415V ,1500 RPM		
MOR1-56	18.5 kW (25 HP)	Job	
MOR1-57	22 kW (30 HP)	Job	
MOR1-58	30 kW (40 HP)	Job	
MOR1-59	37 kW (50 HP)	Job	
MOR1-60	45 kW (60 HP)	Job	
MOR1-61	55 kW (75 HP)	Job	
MOR1-62	67 kW (90 HP)	Job	
MOR1-63	75 kW (100 HP)	Job	
MOR1-64	90 kW (120 HP)	Job	
MOR1-65	110 kW (150 HP)	Job	
MOR1-66	125 kW (170 HP)	Job	
MOR1-67	135 kW (180 HP)	Job	
MOR1-68	150 kW (200 HP)	Job	

MOR1-69	160 kW (215 HP)	Job	
MOR1-70	180 kW (240 HP)	Job	
MOR1-71	187 kW (250 HP)	Job	
MOR1-72	200 kW (270 HP)	Job	
MOR1-73	225 kW (300 HP)	Job	
	Overhauling of Vertical Hollow Shaft Motor TEFC 3Ph,50Hz, 415V ,1500 RPM		
MOR1-74	18.5 kW (25 HP)	Job	
MOR1-75	22 kW (30 HP)	Job	
MOR1-76	30 kW (40 HP)	Job	
MOR1-77	37 kW (50 HP)	Job	
MOR1-78	45 kW (60 HP)	Job	
MOR1-79	55 kW (75 HP)	Job	
MOR1-80	67 kW (90 HP)	Job	
MOR1-81	75 kW (100 HP)	Job	
MOR1-82	90 kW (120 HP)	Job	
MOR1-83	110 kW (150 HP)	Job	
MOR1-84	125 kW (170 HP)	Job	
MOR1-85	135 kW (180 HP)	Job	
MOR1-86	150 kW (200 HP)	Job	
MOR1-87	160 kW (215 HP)	Job	
MOR1-88	180 kW (240 HP)	Job	
MOR1-89	187 kW (250 HP)	Job	
MOR1-90	200 kW (270 HP)	Job	
MOR1-91	225 kW (300 HP)	Job	
MOR2	Overhauling 3Ph,50Hz, squirrel cage Induction H.T. Motor		

	Overhauling of Vertical Solid Shaft H.T. Motor used for V.T. Pump with replacement of DE & NDE Bearing , including following work. 1)De-Coupling of Motor. 2)Testing of Motor before & after overhauling a)IR & PT Test b)Winding resistance c)RTD Checks. d)Surge comparison Test. 3)Dismantling all removable cable of motors. 4)Dismantling the Motor from the Starter. 5)Through cleaning of starter and rotor. 6)Varnishing of Starter winding and rotor. 7)Application of Bectol Red on overhauling portion of winding & Bectol Corey on Lore Portion 8)Bearing replacement. 9)Fitment of Motor. 10) Coupling on motor. 11)No load Trial Including labour , Transportation etc.		
	Overhauling of 3Ph,50Hz, 3.3kv squirrel cage Induction Motor Up to		
MOR2-1	200 to 500 kW	Job	
MOR2-2	501 to 800 kW	Job	
MOR2-3	801 to 1000 kW	Job	
	Overhauling of 3Ph,50Hz, 6.6kv squirrel cage Induction Motor up to		
MOR2-4	250KW 500kw	Job	
MOR2-5	501 Kw to 750kw	Job	
MOR2-6	750 to 1000 kw	Job	
MOR2-7	1001 to 1250kw	Job	
MOR2-8	1251 to 1500kw	Job	
MOR2-9	1501 to 1750kw	Job	
MOR2-10	1751 to 2000kw	Job	
MOR2-11	2001 to 2500kw	Job	
	Overhauling of 3Ph,50Hz, 11kv squirrel cage Induction Motor Up to		
MOR2-12	501 Kw to 750kw	Job	
MOR2-13	750 to 1000 kw	Job	
MOR2-14	1001 to 1250kw	Job	
MOR2-15	1251 to 1500kw	Job	

MOR2-16	1501 to 1750kw	Job	
MOR2-17	1751 to 2000kw	Job	
MOR2-18	2001 to 2500kw	Job	
MR1	Rewinding of 3Ph,50Hz, 415V squirrel cage Induction Motor Rewinding of Vertical Solid Shaft H.T. Motor The Scope of work as follows 1) Decoupling, collecting faulty motor from site. 2) To and Fro Transportation of Motor from site to works by the agency. 3) Dismantling and checking stator and rotor visually for any damages, recording resistance, IR values. 4) Thorough Cleaning of all stator winding, rotor and assembly components. 5) Dismantling of all coils and recording all dimensions. 6) Procurement of insulated class F copper conductors as per design and all insulating material. 7) Manufacturing new coils as per design and rewinding of 9) Testing individual coils for resistance, inter turn, HV, Tan delta 10) Testing of stator windings for resistance, inter turn, HV, Tan delta 11) Heating, varnishing and curing windings in oven 12) Necessary Repairs and Dynamic Balancing of rotor. 13) If bearings found ok then reassembling the motor. 14) If bearings found worn out then Supply & replacement of DE & NDE Bearings. & reassembling the motor. The Cost of bearings will be paid extra. 15) Checking windings IR, Resistance, inductance and surge test for inter turn. 16) No load trial with low voltage and recording voltage, current, speed, bearing temperature, vibration etc. 17) Painting of motor and despatch to site. 18) Reerection at site, No load & load testing complete. 19) Dismantled old scrap material of cu winding, bearing etc. shall be retained by agency.		
MR1-1	1.1 kW (1.5 HP)	Job	
MR1-2	1.5 kW (2 HP)	Job	
MR1-3	2.2 kW (3 HP)	Job	
MR1-4	3.7 kW (5 HP)	Job	
MR1-5	5.5 kW (7 HP)	Job	
MR1-6	7.5 kW (10 HP)	Job	
MR1-7	9.3 kW (12 HP)	Job	
MR1-8	11 kW (15 HP)	Job	
MR1-9	15 kW (20 HP)	Job	
MR1-10	18.5 kW (25 HP)	Job	
MR1-11	22 kW (30 HP)	Job	
MR1-12	30 kW (40 HP)	Job	
MR1-13	37 kW (50 HP)	Job	

MR1-14	45 kW (60 HP)	Job	
MR1-15	55 kW (75 HP)	Job	
MR1-16	75 kW (100 HP)	Job	
MR1-17	90 kW (120 HP)	Job	
MR1-18	110 kW (150 HP)	Job	
MR1-19	125 kW (170 HP)	Job	
MR1-20	135 kW (180 HP)	Job	
MR1-21	150 kW (200 HP)	Job	
MR1-22	160 kW (215 HP)	Job	
MR1-23	180 kW (240 HP)	Job	
MR1-24	187 kW (250 HP)	Job	
MR1-25	200 kW (270 HP)	Job	
MR1-26	225 kW (300 HP)	Job	
MR1-27	325 kW (440 HP)	Job	
MR2	Rewinding of 3Ph,50Hz, squirrel cage Induction H.T. Motor		
	Rewinding of Vertical Solid Shaft H.T. Motor The Scope of work as follows 1) Decoupling, collecting faulty motor from site. 2) To and Fro Transportation of Motor from site to works by the agency. 3) Dismantling and checking stator and rotor visually for any damages, recording resistance, IR values. 4) Thorough Cleaning of all stator winding, rotor and assembly components. 5) Dismantling of all coils and recording all dimensions. 6) Procurement of insulated class F copper conductors as per design and all insulating material. 7) Manufacturing new coils as per design and rewinding of stator		

	9) Testing individual coils for resistance, inter turn, HV, Tan delta 10) Testing of stator windings for resistance, inter turn, HV, Tan delta 11) Heating , varnishing and curing windings in oven 12) Necessary Repairs and Dynamic Balancing of rotor. 13) If bearings found ok then reassembling the motor. 14) If bearings found wornout then Supply & replacement of DE & NDE Bearings. & reassembling the motor. The Cost of bearings will be paid extra. 15) Checking windings IR, Resistance, inductance and surge test for inter turn. 16) No load trial with low voltage and recording voltage, current , speed, bearing temperature , vibration etc. 17) Painting of motor and despatch to site . 18) Reerection at site ,No load & load testing complete. 19) Dismantled old scrap material of cu winding ,bearing etc. shall be retained by agency.		
	Rewinding of 3Ph,50Hz,3.3kv squirrel cage Induction Motor Up to		
MR2-1	i) 200 to 500 kW	Job	
MR2-2	ii) 501 to 800 kW	Job	
MR2-3	iii) 801 to 1000 kW	Job	
	Rewinding of 3Ph,50Hz,6.6kv squirrel cage Induction Motor Up to		
MR2-4	250KW 500kw		
MR2-5	501 Kw to 750kw	Job	
MR2-6	750 to 1000 kw	Job	
MR2-7	1001 to 1250kw	Job	
MR2-8	1251 to 1500kw	Job	
MR2-9	1501 to 1750kw	Job	
MR2-10	1751 to 2000kw	Job	
MR2-11	2001 to 2500kw	Job	
	Rewinding of 3Ph,50Hz,11kv squirrel cage Induction Motor Up to		
MR2-12	501 Kw to 750kw	Job	
MR2-13	750 to 1000 kw	Job	
MR2-14	1001 to 1250kw	Job	
MR2-15	1251 to 1500kw	Job	
MR2-16	1501 to 1750kw	Job	
MR2-17	1751 to 2000kw	Job	
MR2-18	2001 to 2250kw	Job	
MR2-19	2251to 2500kw	Job	
MR3	Motor Heat Exchanger Repairs		

	Job work of cleaning of motor radiator as per manufacturers instruction manual with all tools, tackles, consumables. This job includes removing of radiator from motor, cleaning of motor radiator, repairs to tube, refitting of radiator to motor with test & trial complete		
MR3-1	upto 250 kw	Job	
MR3-2	251 to 500 kw	Job	
MR3-3	501 to 1000 kw	Job	
MR3-4	1001 to 2000 kw	Job	
MR3-5	2001 to 3000 kw	Job	
MR 4	Job work of replacement of motor radiator core as per manufacturers instruction manual with all tools, tackles, consumables. This job includes removing of radiator from motor, replacement of motor radiator core, refitting of radiator to motor with test & trial complete.		
MR 4-1	upto 250 kw	Job	
MR 4-2	251 to 500 kw	Job	
MR 4-3	501 to 1000 kw	Job	
MR 4-4	1001 to 2000 kw	Job	
MR 4-5	2001 to 3000 kw	Job	

Repairing work of Soft Starters

Sr.No.	Description of Job	Unit	Unit	Rate(Rs.)
1	Shifting of Soft Starter from site	No.	Job	
2	Removing Rubber Gaskets of all Doors & Covers.	No.	Job	
3	Removing all Components Mounted on Door.	No.	Job	
4	Cleaning of all Doors, Covers & Enclosures to make suitable for spray painting.	No.	Job	
5	Cleaning of all Internal Components with Cleaning Chemicals.	No.	Job	
6	Removing Damaged Parts & Other Parts for Painting.	No.	Job	
7	Spary Painting of Enclosure, Doors & Covers.	No.	Job	
8	Supply & Fixing of Ammeter, Scale 0-900A(96x96mm)	No.	Job	
9	Supply & fixing indicating Lamps Dia. 22.5mm LED Type 230V AC with Name Plates	No.	Job	
10	Supply and fixing Push Button with NC Element Dia. 22.5mm	No.	Job	
11	Supply and Fixing Thermostat, 30-90 Deg.	No.	Job	
12	Supply and Fixing Space Heater 40W 230V AC	No.	Job	
13	Supply and Fixing Aux. Contactors 230V AC	No.	Job	
14	Supply and fixing Timers	No.	Job	
15	Supply and fixing control Supply MCBs	No.	Job	
16	Supply and Fixing Freewheeling diodes.	No.	Job	
17	Supply and Fixing Current Sensing relay	No.	Job	
18	Supply and Fixing Bypass device coil supervision relay	No.	Job	
19	Supply and fixing Current Transformer	No.	Job	
21	Supply and fixing Economy Resistor 300 ohms, 200 watts, wire wound	No.	Job	
22	Supply & Fixing Auto Transformer 350 VA 230/110V, Taps at 120, 140V	No.	Job	
23	Supplying & Fixing of MS Hardware for complete Panel & Busbar.	No.	Job	
24	Repairing & Servicing of Bypass Device	No.	Job	
25	Supply & fixing of PVC heat shrinkable Sleeve for	No.	Job	
26	Supply & fixing of Rubber Gaskets for Doors & Covers.	No.	Job	

27	Re-Assembly of Starter after Painting	Job	Job	
28	Re-Wiring of Damaged Parts.	Job	Job	
29	Following tests after complete assembly & painting- a) Checking of all controls, logic & interlocks as per schematic wiring diagrams b) Checking of shorting device ON/OFF operation c) Checking all indications as per wiring diagram d) Checking of Bypass & Supervisory timer operations e) IR value checking of main power circuit f) HV test of complete power circuit with FCMA unit g) IR value checking of main power circuit after HV test h) No load trail with motor Following tests after complete assembly & painting- a) Checking of all controls, logic & interlocks as per schematic wiring diagrams b) Checking of shorting device ON/OFF operation c) Checking all indications as per wiring diagram d) Checking of Bypass & Supervisory timer operations e) IR value checking of main power circuit f) HV test of complete power circuit with FCMA unit g) IR value checking of main power circuit after HV test h) No load trail with motor Following tests after complete assembly & painting- a) Checking of all controls, logic & interlocks as per schematic wiring diagrams b) Checking of shorting device ON/OFF operation c) Checking all indications as per wiring diagram d) Checking of Bypass & Supervisory timer operations e) IR value checking of main power circuit f) HV test of complete power circuit with FCMA unit g) IR value checking of main power circuit after HV test h) No load trail with motor	Job	Job	
30	Making all Reports as per Requirement.	Job	Job	
31	Supply of Vacuum Contactor for 3.3 kV soft starter for motor			
	250 kW.	No.		
	500 kW.	No.		
	750 kW.	No.		
	1000 kW.	No.		
32	Supply of Vacuum Contactor for 6.6 kV soft starter for motor			
	250 kW.	No.		
	500 kW.	No.		
	750 kW.	No.		
	1000 kW.	No.		
	1250 kW.	No.		
	1500 kW.	No.		
	1750 kW.	No.		
	2000 kW.	No.		
33	Supply of Vacuum Contactor for 11 kV soft starter for motor			
	500 kW.	No.		
	750 kW.	No.		
	1000 kW.	No.		
	1250 kW.	No.		
	1500 kW.	No.		
	1750 kW.	No.		
	2000 kW.	No.		
	2500 kW.	No.		

HT Panel Repair

Item No	Description of Item	Unit	Rate
---------	---------------------	------	------

1.00	Supplying and erecting Draw out type vacuum circuit-Breaker suitable for installation on 6.6 KV, 3 phase, 50 Hz. A.C system with rated current as follows with motor charged spring closing mechanism and facility for remote operation.		
1.01	800 A, 26.5 kA	No.	
1.02	1250 A, 26.5 kA	No.	
1.03	2000 A 26.5 kA	No.	
1.04	800 A, 31.5 kA	No.	
1.05	1250 A, 31.5 kA	No.	
1.06	2000 A 31.5 kA	No.	
1.07	800 A, 40 kA	No.	
1.08	1250 A, 40 kA	No.	
1.09	2000 A 40 kA	No.	
1.10	3150 A 40 kA	No.	
2.00	Supplying and erecting Single phase,2 core current transformers of required ratio & burden, one core for metering Class-I accuracy, and 1 core for protection Class 5P-20 burden.		
2.01	100-200/1-1 A, 26.5 kA	No.	
2.02	201-500/1-1 A, 26.5 kA	No.	
2.03	501-1000/1-1 A, 26.5 kA	No.	
2.04	1001-2000/1-1 A, 26.5 kA	No.	
2.05	100-200/1-1 A, 31.5 kA	No.	
2.06	201-500/1-1 A, 31.5 kA	No.	
2.07	501-1000/1-1 A, 31.5 kA	No.	
2.08	1001-2000/1-1 A, 31.5 kA	No.	
2.09	2001-3000/1-1 A, 31.5 kA	No.	
2.10	100-200/1-1 A, 40 kA	No.	
2.11	201-500/1-1 A, 40 kA	No.	
2.12	501-1000/1-1 A, 40 kA	No.	
2.13	1001-2000/1-1 A, 40 kA	No.	
2.14	2001-3000/1-1 A, 40 kA	No.	
3.00	Supplying and erecting Single phase, 1 core current transformers of ratio 3200/1A, for protection Class PS, to be used for differential protection. The current Transformers will be with short time current rating of 40 KA for one second. – 3 Nos		
3.01	100-200/1-1 A, 26.5 kA	No.	
3.02	201-500/1-1 A, 26.5 kA	No.	
3.03	501-1000/1-1 A, 26.5 kA	No.	
3.04	1001-2000/1-1 A, 26.5 kA	No.	
3.05	100-200/1-1 A, 31.5 kA	No.	
3.06	201-500/1-1 A, 31.5 kA	No.	
3.07	501-1000/1-1 A, 31.5 kA	No.	
3.08	1001-2000/1-1 A, 31.5 kA	No.	
3.09	2001-3000/1-1 A, 31.5 kA	No.	
3.10	100-200/1-1 A, 40 kA	No.	
3.11	201-500/1-1 A, 40 kA	No.	
3.12	501-1000/1-1 A, 40 kA	No.	
3.13	1001-2000/1-1 A, 40 kA	No.	
3.14	2001-3000/1-1 A, 40 kA	No.	
4.00	Supplying and erecting Three phase,1 core, potential transformers (P.T.s) to be star/star connected with ratio (6600 V/1.7321)/ (110V/1.7321), Class-I accuracy and rated burden 150 VA.	No.	
5.00	Supplying and erecting Spring back type Trip, neutral, close, circuit breaker control switch.	No.	
6.00	Supplying and erecting Indicating lamps, Red/Green/Amber	No.	

7.00	Supplying and erecting Blue indicating lamp	No.	
8.00	Supplying and erecting Panel mounting type digital ammeter having Three and half digit LED display, external C.T. operated, calibrated 0 to 3500A AC supply with calibration certificate from manufacturer.	No.	
9.00	Supplying and erecting Panel mounting type digital voltmeter of size 96 mm, scale 0 to 7 KV with calibration certificate from manufacturer.	No.	
10.00	Supplying and erecting High speed tripping relay.	No.	
11.00	Supplying and erecting Numerical relay for E/F+O/C protection, IDMTL relay with two elements, one for over current protection, having setting rang 50% to 200% on IDMTL unit: and other element for earth fault protection with setting range 20% to 80% on IDMTL unit: with common instantaneous setting range of 500% to 2000%. Under voltage protection relay.	No.	
12.00	Supplying and erecting Motor Protection relays for following.		
12.01	Static/ Numerical comprehensive motor protection relay consisting all motor protections (relay subject to approval by corporation)	No.	
12.02	Static type capacitors earth fault relay.	No.	
12.03	Under voltage relay with setting from 60 to 117 volts with time lag setting.	No.	
12.04	Time delay relays.	No.	
13.00	D.C. fail relay.	No.	
14.00	Auxiliary relay	No.	
15.00	Remote/Local selector switch, with locking arrangement.	No.	
16.00	Space heaters	No.	
17.00	Supplying and erecting Intelligent flush mounted Maximum Demand Controller panel meter three phase four wire 50-550 V Phase to phase Aux Supply 90-300VAC/DC CT secondary site selectable 1A/5A, CT /PT site programmable, class 1 Flush mounted 96 x 96 mm meter, Datalog 8MB, 4 realy output Time of Day (TOD) 6 slots available, block / sliding window site selectable with V, A, F, kW, kVA, kVAh, kVArh, PF etc in LCD multi function meter with LCD display complete class -1 accuracy with RS 485 communication protocol with wiring connections and mounting hardware on provided panels complete with calibration certificate from manufacturer.	No.	
18.00	Terminal block		
18.01	Terminal block 10 A	No.	
18.02	Terminal block 25 A	No.	
19.00	DIN rail	Mtr	
20.00	PVC Cable tray with cover	Mtr	
21.00	Closing coil, 110 V DC	No.	
22.00	Closing coil, 220 V DC	No.	
23.00	52 Contactor	No.	
24.00	Tripping coils 110 V DC	No.	
25.00	Tripping coils 220 V DC	No.	
26.00	HT Bushing , 6.6 kV	No.	
27.00	Replacement of control wiring of breaker	No.	

28.00	Supplying of 6.6 KV, H.T. Bolted type Heavy duty HRC Fuses having following capacity.	No.	
28.01	70 A	No.	
28.02	90 A	No.	
28.03	100 A	No.	
28.04	150 A	No.	
28.05	200A	No.	
28.06	250A	No.	
28.07	300A	No.	
29.00	Removing old damaged heat shrinkable insulating sleeves of 6.6 kv HT Busbar and Providing and fitting new 6.6 kv capacity HT heat shrinkable insulating sleeves to HT Aluminium bus bar size 50x10 mm of HT Panel.	M	
30.00	providing and Supply of herbal pest control service for lizards of HT Panel, Soft Starters, Capacitors etc. including material, labour, handling charges etc. complete job at site	Job	
31.00	Providing & Fitting of Emergency Switch	No.	